

Thesis Search

Access DB# 113677

SEARCH REQUEST FORM

(23)

Scientific and Technical Information Center

Requester's Full Name: Qamrun Nahar Examiner #: 79621 Date: 2/5/04
 Art Unit: 2124 Phone Number 305-7699 Serial Number: 091727,846
 Mail Box and Bldg/Room Location: PK-2-5B46 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Method of determining the syntactic correctness of expressions

Inventors (please provide full names):
Rajendra Kumar Bera

Earliest Priority Filing Date: 12/01/99

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Topic: Determining the syntactic correctness of expression
 Novelty: A string of characters is created from the expression. Specific characters included in the string and also in predetermined list are iteratively substituted w/characters in another list, until the expression is reduced into a single predetermined character. If the expression is reduced into a single predetermined character, the expression is determined to be syntactically correct.

Motivation: Alternate method of determining Prior Art. Usually takes the expression and break the expression up into tokens, and then create a syntax tree where the tokens are the nodes. Then, the parser uses/checks the syntax tree for correctness.

STAFF USE ONLY

Searcher: <u>C. Wang</u>	Type of Search	Vendors and cost where applicable
Searcher Phone #: <u>305 9724</u>	NA Sequence (#) _____	STN <u>✓</u>
Searcher Location: <u>4B33</u>	AA Sequence (#) _____	Dialog <u>✓</u>
Date Searcher Picked Up: <u>2-9</u>	Structure (#) _____	Questel/Orbit _____
Date Completed: <u>2-10</u>	Bibliographic <u>✓</u>	Dr. Link _____
Searcher Prep & Review Time: _____	Litigation _____	Lexis/Nexis _____
Clerical Prep Time: _____	Fulltext _____	Sequence Systems _____
Online Time: _____	Patent Family _____	WWW/Internet _____
	Other _____	Other (specify) _____

Best Available Copy